

09/973, 382

AMENDMENTS TO THE CLAIMS

1. (currently amended) [[A]] An isolated DNA fragment encoding a mammalian prostate specific membrane antigen-like protein, wherein said protein has the amino acid sequence of SEQ ID NO.2. selected from the group consisting of:

- (a) an isolated DNA fragment which encodes a prostate specific membrane antigen-like protein;
- (b) an isolated DNA fragment which hybridizes to the isolated DNA fragment of (a) above and which encodes a prostate specific membrane antigen-like protein;
- (c) an isolated DNA fragment differing from the isolated DNA fragments of (a) and (b) above in codon sequence due to the degeneracy of the genetic code, and which encodes a prostate specific membrane antigen-like protein.

2. (currently amended) The isolated DNA fragment of claim 1, wherein said DNA fragment has the sequence shown in SEQ ID No. 1 or fragments thereof.

3. (canceled)

3
4. (currently amended) A vector comprising the DNA fragment of claim 1 and regulatory elements necessary for expression of the DNA in a cell.

5. (canceled)

6. (currently amended) A host cell comprising transfected with the vector of claim 4, wherein said vector is introduced into said host cell in vitro or ex vivo, vector expresses a prostate specific membrane antigen-like protein.

5
7. (original) The host cell of claim 6, wherein said cell is selected from the group consisting of a bacterial cell, a mammalian cell, a plant cell and an insect cell.

8-42. (canceled)